(FILE 'HOME' ENTERED AT 14:00:44 ON 08 MAY 2003)

FILE 'CAPLUS' ENTERED AT 14:00:58 ON 08 MAY 2003

		E	BUCHANAN CHARLES/IN,AU
L1	75	S	E2-10
		E	WOOD MATTHEW/IN,AU
L2	24	S	E4-13
		E	SZEJTLI JOZSEF/IN,AU
L3	380	S	E1-6
		E	SZENTE LAJOS/IN,AU
L4	210	S	E2-7
		E	VIKMON MARIA/IN,AU
L5	33	S	E2-4
L6	618	S	L1 OR L2 OR L3 OR L4 OR L5
L7	23512	S	CYCLODEXTRIN
L8	68561	S	ACYLAT?
L9	1931	S	TRIACETYL
L10	70420	S	L8 OR L9
L11	6	S	L6 AND L7 AND L10

L11 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:833134 CAPLUS
DOCUMENT NUMBER: 135:376749
TITLE: **Acylated cyclodextrin**: guest molecule inclusion complexes with drugs
INVENTOR(S): **Buchanan, Charles M.**; Szejtli, Jozef; Szente, Lajos; Vikmon, Maria; Wood, Matthew D.
PATENT ASSIGNEE(S): Eastman Chemical Company, USA
SOURCE: PCT Int. Appl., 68 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001085218	A2	20011115	WO 2001-US13499	20010426
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002025946	A1	20020228	US 2001-843037	20010426
EP 1280559	A2	20030205	EP 2001-928906	20010426
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

PRIORITY APPLN. INFO.:
US 2000-203500P P 20000511
US 2000-205715P P 20000519
WO 2001-US13499 W 20010426

AB The present invention is directed to a method of making an inclusion complex comprising an **acylated cyclodextrin** host mol. and a guest mol., wherein the method comprises the steps of: (a) contacting the **acylated cyclodextrin** host mol. and the guest mol. to form an inclusion complex; and (b) pptg. the inclusion complex in an aq. medium. The present invention is further directed to an inclusion complex comprising an **acylated cyclodextrin** host mol. and a guest mol., wherein the guest mol. comprises form about 2 (wt.) to about 15 (wt.) of the inclusion complex. Moreover, the present invention relates to a compn. comprising a polymer and an inclusion complex, wherein the inclusion complex comprises an **acylated cyclodextrin** host mol. and a guest mol. and medical devices and solid pharmaceutical compns. comprised thereof. **Triacetyl** .beta.-**cyclodextrin**-nitroglycerin complexes were prepd. and release of nitroglycerin from the complex studied.

L11 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:510677 CAPLUS
DOCUMENT NUMBER: 135:293831
TITLE: Preparation and characterization of novel peracetylated **cyclodextrin** complexes
AUTHOR(S): Buchanan, C. M.; Dixon, D. W.; Offermann, R. J.; Szejtli, J.; **Szente, L.**; **Vikmon, M.**
CORPORATE SOURCE: Eastman Chemical Company, Kingsport, TN, USA
SOURCE: Cyclodextrin: From Basic Research to Market, International Cyclodextrin Symposium, 10th, Ann Arbor, MI, United States, May 21-24, 2000 (2000), 526-536. Wacker Biochem Corp.: Adrian, Mich.
CODEN: 69BFYD
DOCUMENT TYPE: Conference; (computer optical disk)
LANGUAGE: English

AB The pptn. method was used as a practical and reliable technique for prepg. inclusion complexes of **triacetyl-cyclodextrin** (CD) that would be applicable to various different types of guest compds. The oily multicomponent vanilla and lemon exts. could be converted to solid **triacetyl**-CD/fragrance complexes by the pptn. method using acetone as the common solvent. Complexes of **triacetyl**-CD and fragrances provided an acceptable component distribution and total fragrance load. An aq. alc. soln. was the preferred common solvent in prepg. triacetylated CD/nitroglycerin (NG) and isosorbide 5-mononitrate complexes. X-ray diffractometry and thermoanal. investigations demonstrated complex formation in solid state. Complexation considerably reduced the volatility, thermal and storage stability problems of the complexed guests. **Triacetyl**-.beta.-CD could be considered as a multiparticulate sustained release carrier matrixes and may be useful for

the prepn. of sustained release drug formulations.

L11 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:194562 CAPLUS
DOCUMENT NUMBER: 126:301232
TITLE: Investigations into the GC separation of enantiomers on 3-trifluoroacetyl-2,6-dipentyl-.gamma.-**cyclodextrin**. Separation of the components of **cyclodextrin** derivatives
AUTHOR(S): Smith, I.D.; Simpson, C.F.
CORPORATE SOURCE: SmithKline Beecham Pharmaceuticals, Old Powder Mills, Kent, TN11 9AN, UK
SOURCE: Proceedings of the International Symposium on Cyclodextrins, 8th, Budapest, Mar. 31-Apr. 2, 1996 (1996), 663-666. Editor(s): **Szejtli, J.; Szente, L.** Kluwer: Dordrecht, Neth.
CODEN: 64CDAL
DOCUMENT TYPE: Conference
LANGUAGE: English
AB The sepn. of enantiomers by gas chromatog. was studied on a fused silica capillary column coated with octakis(3-O-trifluoroacetyl-2,6-di-O-n-pentyl)-.gamma.-**cyclodextrin**. The objective of this work is to propose possible mechanisms for the stereoselectivity of this stationary phase by rationalizing the obsd. behavior of relatively simple structurally-related compds. (alcs. and some of their fluoroacyl derivs.), characterizing the **cyclodextrin** deriv. and carrying out suitable mol. modeling expts. Recent work on developing methods to characterize the stationary phase will be presented.

L11 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:331108 CAPLUS
DOCUMENT NUMBER: 120:331108
TITLE: Chewing gum compositions
INVENTOR(S): **Szejtli, Jozsef**; Puetter, Sigurd
PATENT ASSIGNEE(S): MEDICE Chem.-Pharm. Fabrik Puetter GmbH und Co. KG, Germany
SOURCE: Eur. Pat. Appl., 28 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 575977	A2	19931229	EP 1993-110010	19930623
EP 575977	A3	19950104		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
DE 4220735	A1	19940113	DE 1992-4220735	19920625

PRIORITY APPLN. INFO.: DE 1992-4220735 19920625
OTHER SOURCE(S): MARPAT 120:331108
AB A drug-contg. chewing gum has the active ingredient as a sustained-release inclusion complex with a swellable carbohydrate polymer, e.g. starch, **cyclodextrin**, or their derivs., which may be crosslinked. Thus, a .beta.-**cyclodextrin** polymer was prepd. from dimethyl-.beta.-**cyclodextrin** and 1,2,9,10-diepoxy-4,7-dioxadecane in the presence of BF3-Et2O. A DEAE-.beta.-**cyclodextrin** polymer was swelled in 50% aq. EtOH contg. 1.25% salicylic acid and dried at 105.degree.. The salicylic acid content of the product was 4.4%, of which 99% was released by extn. with buffer (pH 7.2) for 60 min and 58% by extn. with water.

L11 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1992:620106 CAPLUS
DOCUMENT NUMBER: 117:220106
TITLE: (Carboxyl)alkyloxyalkyl derivatives of **cyclodextrins**
INVENTOR(S): **Szejtli, Jozsef**; Jicsinszky, Laszlo
PATENT ASSIGNEE(S): Janssen Pharmaceutica N. V., Belg.
SOURCE: Eur. Pat. Appl., 12 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 499322	A1	19920819	EP 1992-200341	19920207
R: PT				
IL 100856	A1	19980310	IL 1992-100856	19920203

CA 2104097	AA	19920816	CA 1992-2104097	19920207
WO 9214762	A1	19920903	WO 1992-EP301	19920207
W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MG, MW, NO, PL, RO, RU, SD, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
AU 9211920	A1	19920915	AU 1992-11920	19920207
AU 657304	B2	19950309		
EP 571416	A1	19931201	EP 1992-903811	19920207
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, SE				
HU 64979	A2	19940328	HU 1993-2345	19920207
JP 06505039	T2	19940609	JP 1992-503791	19920207
ZA 9201111	A	19930816	ZA 1992-1111	19920214
NO 9302903	A	19930816	NO 1993-2903	19930816
PRIORITY APPLN. INFO.:			EP 1991-200319	19910215
			WO 1992-EP301	19920207

AB The title derivs. are prepd. as usual by a multistage derivatization, i.e. via the mono(or di-)-hydroxyalkylated **cyclodextrin** intermediates, and carboxyalkylation to give substrates are useful for drugs with low toxicity optionally after further **acylating**, or salt-forming with safe metal ions and amines. Prepn. of (2-carboxymethoxy)propyl-.alpha.-**cyclodextrin** together with other 18 title derivs. was presented.

L11 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER:	1990:583987 CAPLUS
DOCUMENT NUMBER:	113:183987
TITLE:	Enantioselective capillary gas chromatography with modified **cyclodextrins** as chiral stationary phases
AUTHOR(S):	Koenig, Wilfried A.; Lutz, Sabine; Wenz, Gerhard
CORPORATE SOURCE:	Inst. Org. Chem., Univ. Hamburg, Hamburg, D-2000/13, Fed. Rep. Ger.
SOURCE:	Proc. Int. Symp. Cyclodextrins, 4th (1988), 465-71. Editor(s): **Huber, O.; Szejtli, Jozsef.** Kluwer: Dordrecht, Neth. CODEN: 56SBAU
DOCUMENT TYPE:	Conference
LANGUAGE:	English

AB Perpentylated and partially pentylated and acetylated .alpha.- and .beta.-**cyclodextrins** were used as chiral stationary phases for capillary gas chromatog. Enantiomeric sepn. of natural compds., flavor constituents, pheromones, pharmaceuticals and enantioselective chem. reaction products for stereochem. anal. is proposed.